

UTAH AIR QUALITY BOARD MEETING
February 4, 2009
168 North 1950 West, Room 101
Salt Lake City, Utah 84116

FINAL MINUTES

I. Call-to-Order

Ernie Wessman called the meeting to order at 1:31 p.m.

Board members present: Nan Bunker, Jim Horrocks, Ernest Wessman, Kathy Van Dame, Steve Sands, Joel Elstein, Wayne Samuelson, Darrell Smith, and Bill Sinclair

Excused: Stead Burwell and Craig Petersen

Executive Secretary: Cheryl Heying

Mr. Wessman acknowledged Bill Sinclair's presence on the Air Quality Board as the Acting Executive Director of the Department of Environmental Quality.

II. Date of the Next Air Quality Board Meetings: March 4, 2009 and April 1, 2009.

III. Approval of the Minutes for December 3, 2008 Board Meeting.

Ms. Van Dame would like to have it noted that the Utah Moms for Clean Air participated in and were also instrumental in the development of the diesel retrofit program that was discussed at the December 3, 2008, Board meeting.

- Kathy Van Dame moved to approve the December 3, 2008, minutes and also acknowledge the Utah Moms for Clean Air as noted above. Joel Elstein seconded. The Board approved unanimously.

IV. Final Adoption: Amend R307-405-2. Permits: Major Sources in Attainment or Unclassified Areas (PSD). Applicability; and Five-Year Review: R307-405. Permits: Major Sources in Attainment or Unclassified Areas (PSD). Presented by Colleen Delaney.

Colleen Delaney, Environmental Scientist at DAQ, stated on October 1, 2008, the Board proposed to update the incorporation by reference date of the Code of Federal Regulations (CFR) in Utah's PSD permitting rule to the July 1, 2008, version. Because the PSD rule is part of our State Implementation Plan (SIP) we update the incorporation by reference for this rule separately from our general update to ensure that any changes to the federal program are appropriate for Utah. No comments were received during the 30 day comment period and a public hearing was not requested. Staff recommends that the Board adopt the changes to R307-405-2 as proposed.

In addition, DAQ has completed a five year review of the PSD rule. As a separate action, staff recommends that the Board continue R307-405 by approving the attached forms to be filed with the Division of Administrative Rules.

- Steve Sands moved to adopt as recommended Amend R307-405-2 Permits: Major Sources in Attainment or Unclassified Areas. Nan Bunker seconded. The Board approved unanimously.
- Darrell Smith moved to approve the forms to be filed to continue R307-405. Nan Bunker seconded. The Board approved unanimously.

V. Five Year Review: R307-150. Emission Inventories. Presented by Kimberly Kreykes.

Kimberley Kreykes, Environmental Planning Consultant at DAQ, stated the Division of Air Quality has completed the five year review for R307-150. The State of Utah (State) is required by 40CFR 51-30(e) to submit inventories of emissions for a variety of sources to the Environmental Protection Agency (EPA) on a schedule specified in the federal rule. R307-150 specifies the kind of sources that must submit inventory information to the State to fulfill the State's responsibilities. The inventory information is used to determine fees paid by sources subjected to 40 CFR Part 70 and R307-415, the operating permit program. The information is also necessary to determine where emissions reductions can be achieved in order to meet health standards for air quality. Staff recommends that the Board continue this rule by approving the attached forms to be filed with the Division of Administrative Rules.

- Joel Elstein moved to approve the five year review. Steve Sands seconded. The Board approved unanimously.

VI. Informational Items.

A. Update on PM2.5 Designations. Presented by Bryce Bird.

Bryce Bird, Planning Branch Manager at DAQ, stated on December 22, 2008, EPA announced to the Governor their intended PM2.5 designations for Utah. Currently, DAQ is waiting for publication in the federal register of EPA's final announcement, their analysis, and response to comments received during the comment period. As part of the new administration change this is one of the actions put on hold until it can go through review of the new administration. The final publication date into the federal register will establish the starting date for all of our action when the SIP process will end in three years.

DAQ is not waiting for the three year period to end before we get real controls on the ground. The first stakeholder meeting was held as we develop our implementation plan. We are still under the influence of temperature inversions and we will continue to see poor air quality under those inversions but action is being taken to reduce emissions and clean up the air now.

Mr. Horrocks commented that at a Wasatch Front Regional Council (WFRC) meeting questions arose on the proposed designations and he suggests that DAQ staff get back with the WFRC and explain the air shed issues, specifically the reasons for the suggestion of combining Davis County with Salt Lake County. To which Mr. Bird agreed and added that as the DAQ went through the nine factor analysis the fact that Davis County had monitored violations and the close

connection with Salt Lake County influenced DAQ's recommendation that they be part of the same nonattainment area. EPA also came to the same conclusion.

B. DAQ Attainment/Nonattainment Recommendations for the New Ozone National Ambient Air Quality Standards. Presented by Robert Clark.

Robert Clark, Environmental Scientist at DAQ, presented the Board with a PowerPoint presentation on DAQ's recommendations for the new ozone national ambient air quality standards (NAAQS) followed by discussion with the Board.

It is EPA's goal is to revise the NAAQS every five years. If a county exceeds the 75 microgram cubic meter standard in any three year block they would become nonattainment at that point and have to be added to the SIP even though it is not within the NAAQS five year cycle.

The DAQ needs to show that we are achieving the standard in terms of collecting three years data. Currently we do not have enough data to fit the requirement for the Saint George area, but we will continue to monitor and submit the updated data which is acceptable to EPA.

It was noted that Utah County and Brigham City's ozone numbers have been trending downward while Salt Lake and Davis Counties appear to be level. In addition, we have gone over the hurdle in terms of some of the projected emissions reductions with vehicles and transportation. We expect now to see dramatic reductions not attributed to vehicles.

Finally, the recommendations due next month to EPA are based on 2006-2008 data. It is unclear right now which years EPA will use for the final determination because it is based on whether or not the data entered into the air monitoring system is in the system on time and certified.

Mr. Wessman introduced public comment from Susan Hardy of the Mountainland Association of Governments.

Ms. Hardy commented that growth in itself does not mean that we will violate the standards more quickly but that congestion will be a greater issue in the future. Technology does help but education and getting people to understand the consequences of how we live is becoming more important.

C. Sulfur Dioxide Milestone Report. Presented by Kimberly Kreykes.

Ms. Kreykes stated that the Utah SIP for regional haze as adopted by the Air Quality Board September 3, 2008, requires that Utah cooperate with Arizona, New Mexico, Wyoming and Albuquerque in producing an annual report to determine if the sulfur dioxide emissions from large industrial sources are less than the emissions milestones set forth in the plan. If the sulfur dioxide emissions are greater than the milestone, then the backstop trading program for sulfur dioxide identified in the plan is triggered. The draft report for calendar year 2007 is now available for public comment on DAQ's website. The report shows the adjusted emissions from sulfur dioxide from large sources in participating areas declined slightly in 2007. The average emissions for 2005-2007 were 280,279 tons compared to 420,637 tons allowed in the revised plan.

The report demonstrates that emissions are less than the milestone and have met the requirements for the plan for 2007. Therefore, the implementation of the backstop trading program for sulfur dioxide is not triggered. The comment period for this sulfur dioxide milestone report closes at 5:00 p.m. on February 16, 2009.

It is brought up that the column headings on table two of page six of the report may not be correct. Ms. Delaney will review the table to be sure it is properly submitted and updated. It was also explained that any problems identified need to be sent back to the other participating states for review during the comment period before the report is finalized.

In answer to questions raised by the Board, Ms. Delaney explained that the revised milestone shown on the Sulfur Dioxide Milestone table on page two of the DAQ-004-09 document had to do with the fact that when DAQ revised the SIP last year adjustments were made to account for additional smelters that had permanently shut down. Also, two of the states involved in this process have not completed the revisions of their SIP so the report is basically covering both, the old milestone and the new milestone.

In addition, there were some corrections in what went into the original milestone for flow corrections. Beginning next year adjustments will not need to be made anymore because the previous milestones have been based on the 1999 inventory and calculations had to go back to that methodology. Now the revised milestones are based on an updated 2006 inventory which should make it simpler in the future.

D. Air Toxics. Presented by Robert Ford.

E. Compliance. Presented by Jay Morris and Harold Burge.

F. Monitoring. Presented by Neal Olson.

Bryce Bird, Planning Branch Manager at DAQ, gave recognition to Robert Dalley previous Manager at the Air Monitoring Center who retired after 37 years of service from the State of Utah in January 2009. Mr. Dalley's work over the years in the improvement of air quality was acknowledged.

Mr. Wessman proposed a resolution that the Board extend their official thanks to Mr. Dalley for the tremendous services that he has given over the years. Mr. Horrocks seconded and the Board approved unanimously.

Neal Olson updated the Board on monitoring information and noted to the Board the exceedences at the end of December and in January were due to the inversions. The AMC is conducting special monitoring during the inversions to analyze data in looking for ways to help reduce PM2.5.

Meeting was adjourned at 2:27 p.m.

Minutes approved: March 4, 2009